

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

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PCT

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing (day/month/year) 24 FEBRUARY 2005 (24.02.2005)	
Applicant's or agent's file reference FE251550	FOR FURTHER ACTION See paragraph 2 below
International application No. PCT/KR2005/000138	International filing date (day/month/year) 14 JANUARY 2005 (14.01.2005)
Priority date(day/month/year) 15 JANUARY 2004 (15.01.2004)	
International Patent Classification (IPC) or both national classification and IPC IPC7 H04L 12/24	
Applicant UTStarcom Korea Limited et al	

1. This opinion contains indications relating to the following items:


- ☒ Box No. I Basis of the opinion
☐ Box No. II Priority
☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
☐ Box No. IV Lack of unity of invention
☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
☐ Box No. VI Certain documents cited
☐ Box No. VII Certain defects in the international application
☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.
For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140	Authorized officer SHIN, Sung Kil Telephone No. 82-42-481-5688
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**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/KR2005/000138

Box No. 1 Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ This opinion has been established on the basis of a translation from the original language into the following language _____, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).

2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

- ☐ a sequence listing
☐ table(s) related to the sequence listing

b. format of material

- ☐ in written format
☐ in computer readable form

c. time of filing/furnishing

- ☐ contained in the international application as filed.
☐ filed together with the international application in computer readable form.
☐ furnished subsequently to this Authority for the purposes of search.

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/KR2005/000138

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1	YES
	Claims	NONE	NO
Inventive step (IS)	Claims	1	YES
	Claims	NONE	NO
Industrial applicability (IA)	Claims	1	YES
	Claims	NONE	NO

2. Citations and explanations :

Reference is made to the following documents:

D1 : JP 1104222

D2 : WO 04/30277 A3

1. Novelty and Inventive Step

D1 discloses the method of shortening time from the occurrence of the state change of a management agent to detection without giving overload to a management manager and a network in a simple network management protocol(SNMP) network management system.

D2 relates to A method of monitoring the status of one or more network elements linked together in a telecommunication network, comprising receiving a down status notification from a NE in the network, identifying one or more other NEs which are linked to the NE, polling the or each other NE to determine the status thereof

Although these two documents relate to the network management system based on SNMP, None of these documents reveals the idea of correcting time aberration in polling-based network management system.

Moreover, It seems not obvious to derive the said idea from the said two documents

Therefore, novelty can be acknowledged for claim 1, also these claims involve an inventive steps.

2. Industrial Applicability

Claim 1 meet the criteria set out in PCT Article 33(4).